

[METHOD AND ARRANGEMENT FOR IMPLEMENTING HEAT TREATMENT DURING THE EXECUTION OF SPRAY-FORM TECHNIQUES]

Abstract of Disclosure

A method for implementing post-heat treatment during spray forming to achieve stress control in the manufacture of a spray formed metallic tool involves applying a metallic spray-forming material onto a mold substrate and causing substantially homogenous metallic phase transformations from the austenite phase, for example, via manipulation of either or both of the substrate temperature and the spray forming cell environment temperature.

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